



## Reaching Critical Will

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# The Dirty Dozen

## Raytheon and aerospace profiteering

- 1. As one of the four top missile defense contractors, Raytheon's missile defense contracts nearly tripled between 2001 and 2004, from \$225 million to \$647 million.**
- 2. Raytheon designed a sensor for the Missile Defense Agency's Space Tracking and Surveillance System that detects possible enemy satellites and relays data to missile interceptors.** Raytheon also provides sensors for the Sea-Based X-Band radar, the Space-Based Infrared System, and the Upgraded Early Warning Radar, which track targets for the Ground-Based Midcourse Defense system.
- 3. Under subcontract to Lockheed Martin, Raytheon provides a radar system for the Terminal High-Altitude Area Defense program.** Raytheon's radar component is designed to detect and destroy incoming ballistic missiles. Lockheed Martin also subcontracted Raytheon to develop the Track Illuminator Laser for the US Air Force's Airborne Laser program. This laser is designed to record information about incoming ballistic missiles right when they are launched, by projecting rapid, powerful pulses of light towards the missile. The light is reflected back to a camera that records data, which is used to obtain information about the missile's speed and elevation.
- 4. Raytheon also builds interceptors, which are objects designed to take out enemy missiles or other space objects while they are in orbit.** Its Exoatmospheric Kill Vehicle is designed to destroy ballistic missile targets outside the atmosphere, while the missiles are in flight. In addition, Raytheon is the lead subcontractor to Northrop Grumman on the eight-year, \$4.5 billion Kinetic Energy Interceptor project for the US Missile Defense Agency. Kinetic Energy Interceptors have potential applications as space-based (they do not have to be launched from the ground in order to attack their targets) anti-satellite weapons, as they are designed to knock out a variety of space objects. Raytheon is developing the kill vehicle, while Northrop Grumman is working on systems engineering and integration. Raytheon, along with Alliant Techsystems and Boeing, also designed the Standard Missile-3, a ballistic missile that destroys incoming ballistic missiles outside the earth's atmosphere. It is an integral component of the Sea-based Missile Defense System.

CorpWatch has described Raytheon as a company that "loves big noises and large civilian casualty counts." While missile defense or space warfare do not directly result in casualties, per se, its aerospace contributions are nonetheless in keeping with this assessment. The destruction of commercial and military space assets, through deliberate attack or space debris, would immeasurably disrupt civilian lives around the world.

And let's face it—missile defense is all about big noises.

*This fact sheet was prepared by Ray Acheson of Reaching Critical Will, a project of the Women's International League for Peace and Freedom, in coordination with the Secure World Foundation.*

<http://www.reachingcriticalwill.org/corporate/dd/ddindex.html>